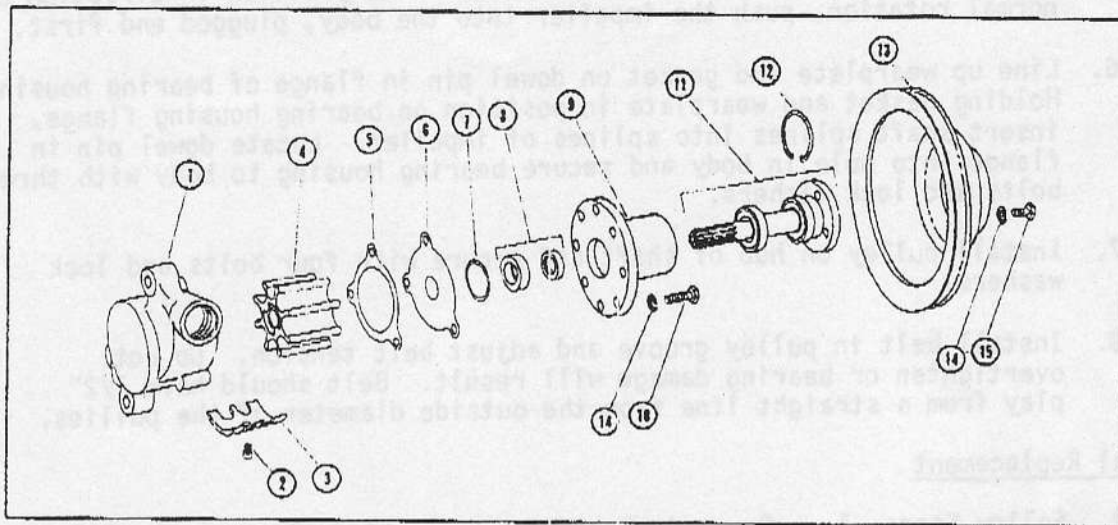


JABSCO PUMPS  
Self-Priming Pumps

gone

MODEL: 17440-0001  
for Chris Craft V8  
Marine Engines.  
283F, 1963-1968;  
327F, 1963-1968;  
427, 427A, 1965-1970.

Exploded View:



PARTS LIST

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>	<u>Key</u>
17444-0000	Body	1	1
91004-0100	Cam Screw	1	2
02431-0000	Cam	1	3
00920-0001	Impeller	1	4
17445-0000	Gasket	1	5
17108-0010	Wear Plate	1	6
92000-1010	"O" Ring	1	7
96080-0080	Seal Assembly	1	8
17443-0000	Bearing Housing	1	9
91095-0170	Bolt	3	10
17446-0000	Shaft/Bearing/Hub Assembly	1	X
91700-2840	Retaining Ring	1	12
92400-0160	Pulley	1	13
91602-0130	Lock Washer	7	14
91094-0080	Bolt	4	15

- DISASSEMBLY and + ASSEMBLY Instructions

Impeller Replacement

- 1. Loosen belt tension. Remove four pulley bolts. Remove pulley.
- 2. Remove three bolts from bearing housing flange. Carefully remove bearing housing and shaft assembly from impeller housing.

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- 3. Remove wearplate and gasket from impeller housing face.
- 4. Grasp impeller hub with water pump pliers and withdraw impeller from housing. Check wearplate, bottom face of body and cam for excessive wear. Deeply worn parts should be replaced. Light wear patterns will not affect pump performance.
- + 5. Lightly lubricate impeller bore with a thin film of water pump grease. Grasp the hub of the impeller and with a rotary motion in direction of normal rotation, push the impeller into the body, plugged end first.
- + 6. Line up wearplate and gasket on dowel pin in flange of bearing housing. Holding gasket and wearplate in position on bearing housing flange, insert shaft splines into splines of impeller. Locate dowel pin in flange into hole in body and secure bearing housing to body with three bolts and lock washers.
- + 7. Install pulley on hub of shaft and secure with four bolts and lock washers.
- + 8. Install belt in pulley groove and adjust belt tension. Do not overtighten or bearing damage will result. Belt should have 1/2" play from a straight line from the outside diameter of the pulleys.

#### Seal Replacement

- 9. Follow Steps -1., -2., and -3. Use a knife blade to ease the "O" ring from groove in bearing housing flange face.
- 10. Insert a thin screw driver blade into the drain slot of the bearing housing and pry the seal assembly out toward flange face. Make sure seal seat gasket is removed from shaft. Check bearings by turning shaft. If rough or loose, replace bearings.
- +11. Dip ceramic seal seat in water and slide over shaft with seal seat gasket toward bearing. Seat firmly against bearing inner race.
- +12. Line up seal in bearing housing seal bore with carbon seal face toward ceramic seal seat face. Push seal into seal bore until case is flush with bearing housing flange face. Wet "O" ring with water and install in groove between seal outside diameter and counter-bore in bearing housing.
- +13. Assemble pump as described in Steps +5., +6., +7., and +8.

#### Bearing Replacement

- 14. Follow Steps -1., -2., and -3. Use retaining ring pliers to remove body to bearing retainer (Waldes Internal Pliers 90° tip #0309).
- 15. Press on impeller end of shaft to remove shaft and bearing assembly from the pulley end of the housing.
- +16. Push shaft bearing assembly into bearing housing with impeller end entering pulley end of housing bore. Seat firmly against shoulder in bearing housing. Use retaining ring pliers to install retaining ring in bearing housing groove next to outer bearing (Waldes Internal 90° tip #0309 pliers).
- +17. Assemble pump as described in Steps +5., +6., +7., and +8.